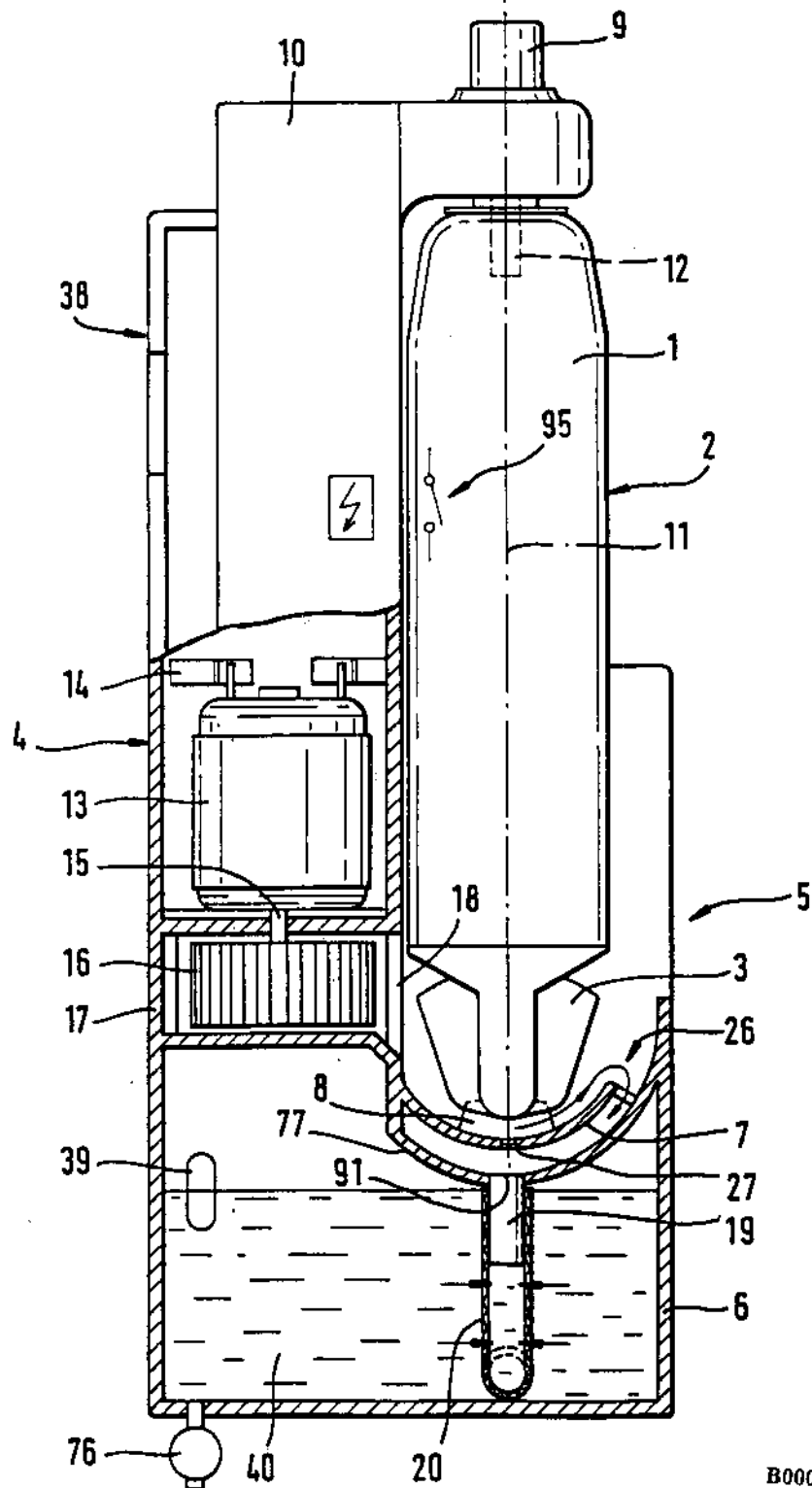


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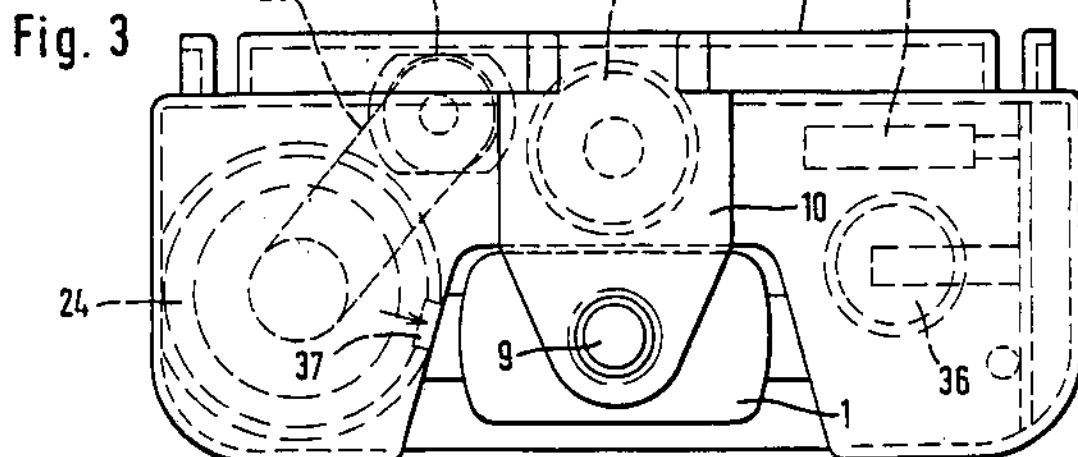
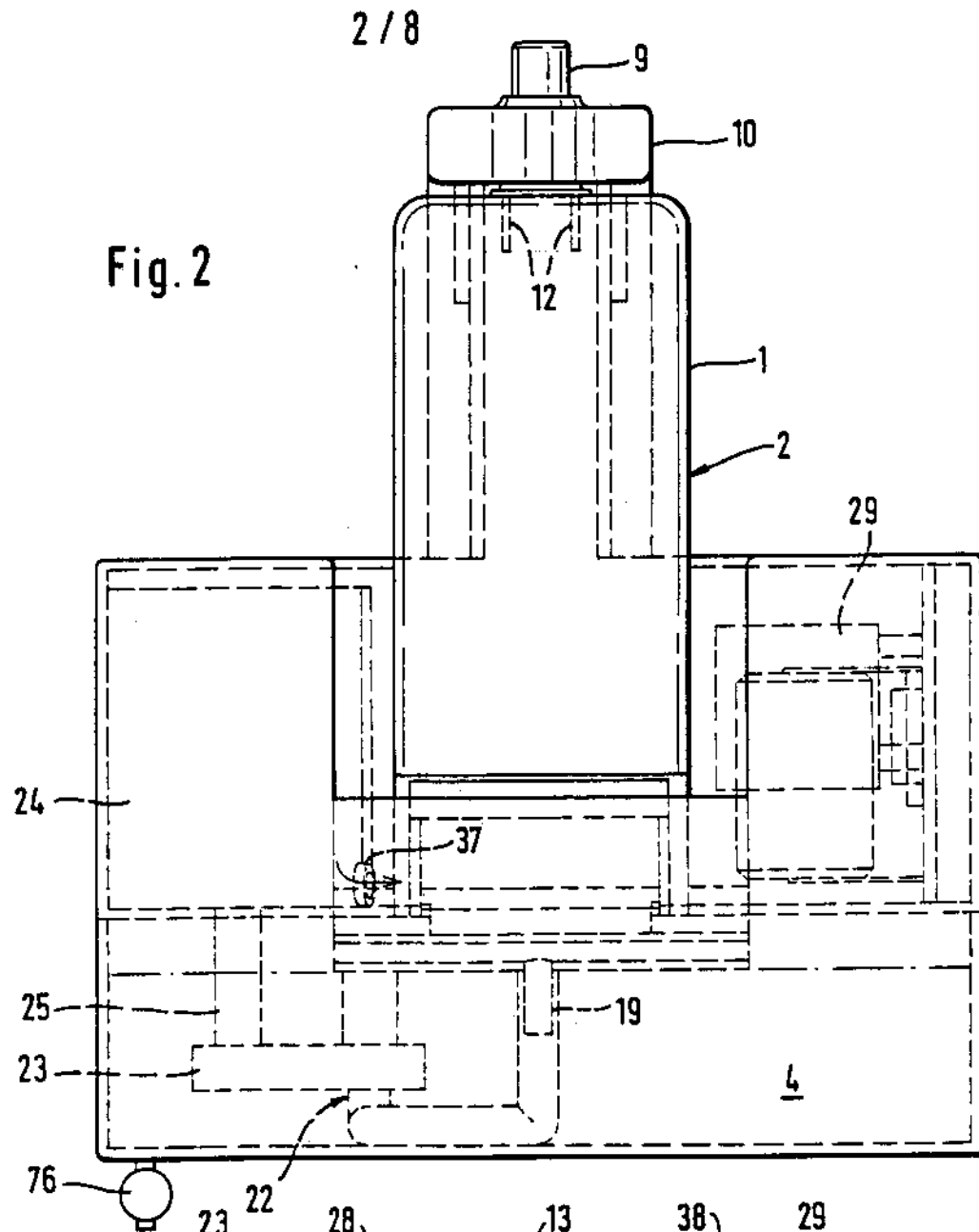
1 / 8

Fig. 1



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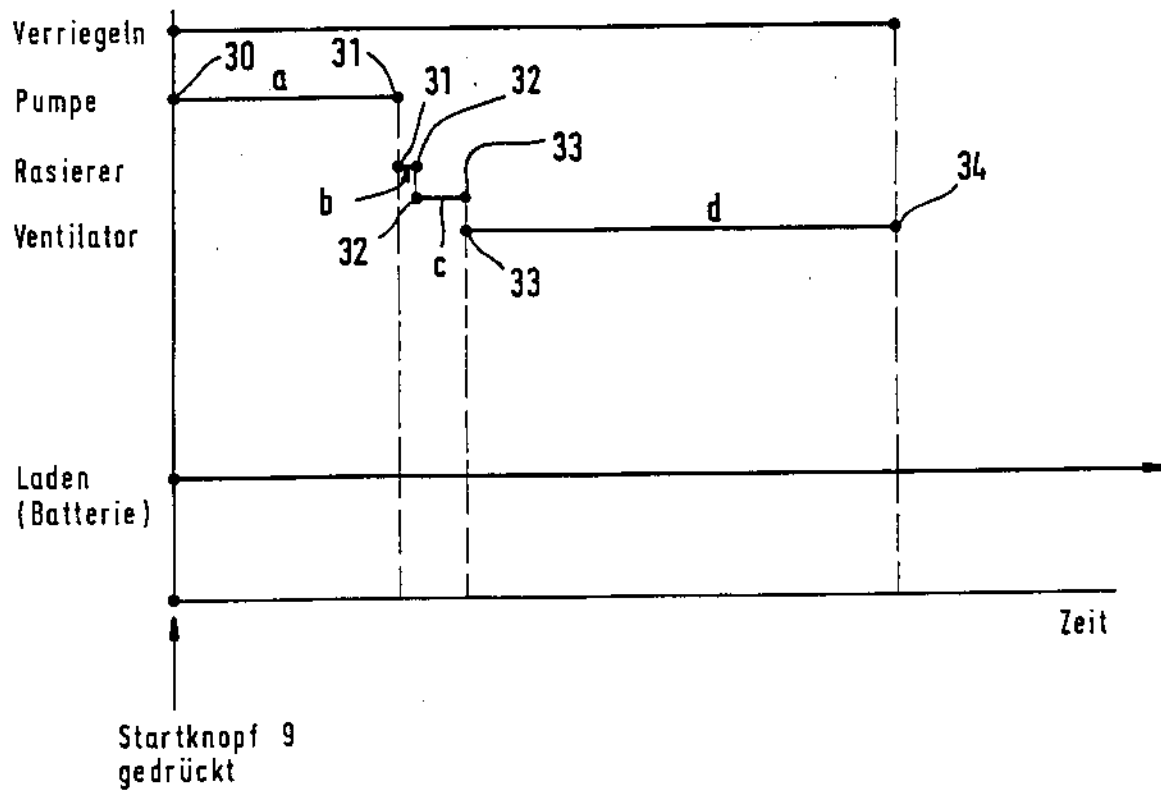
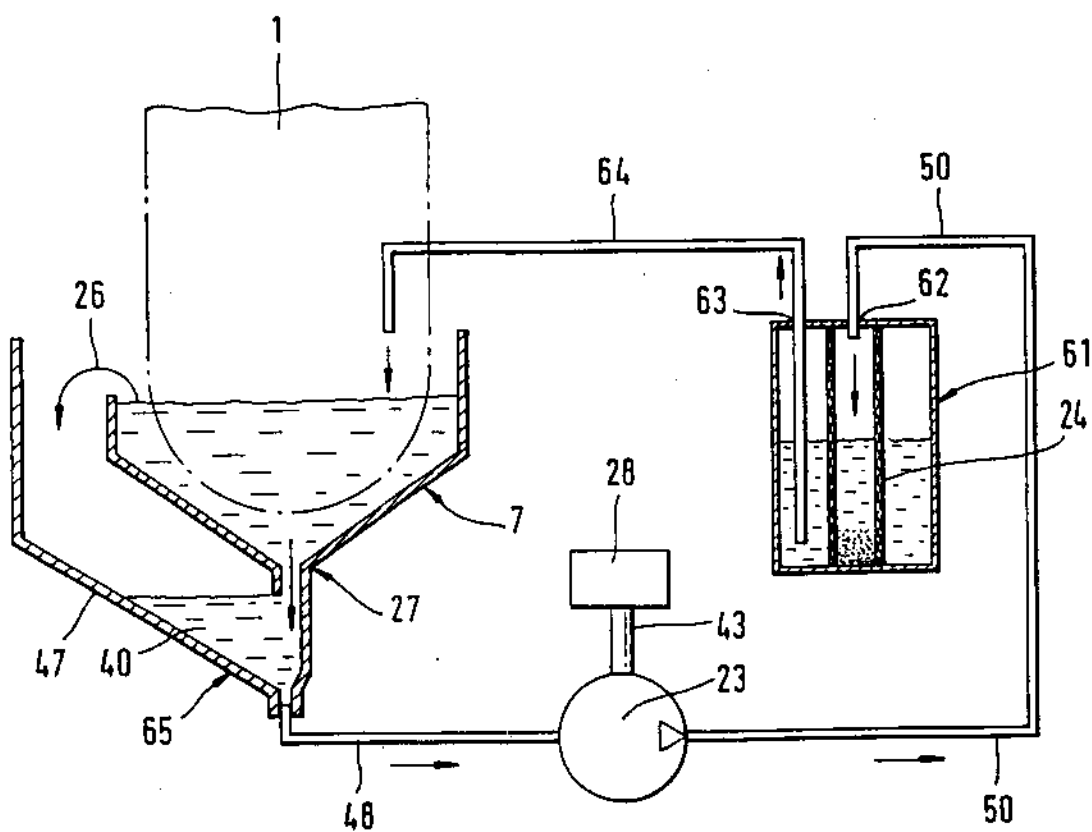


Fig. 4

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4 / 8

Fig. 6



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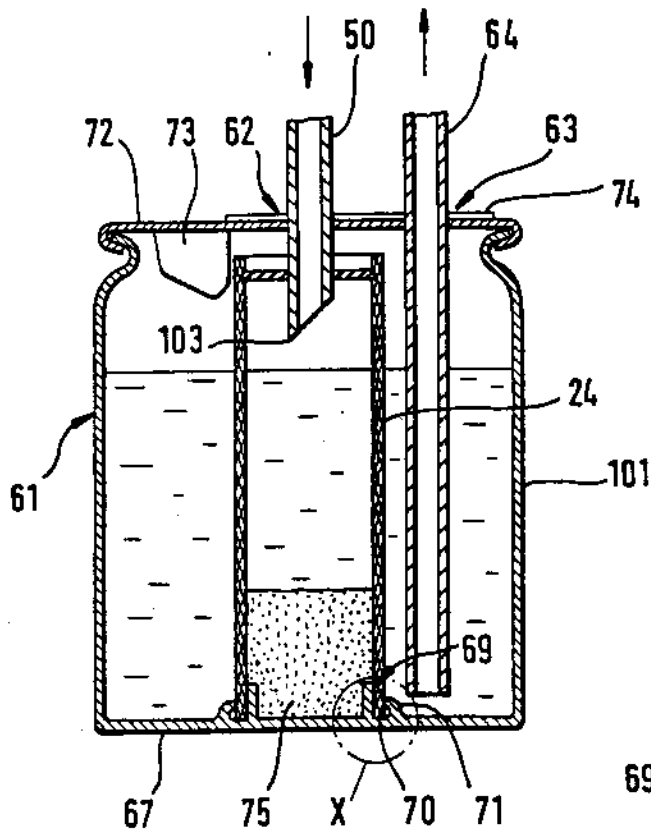


Fig. 7

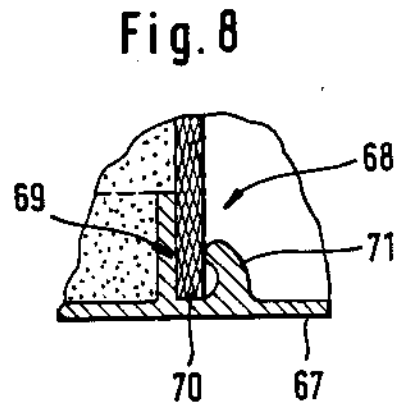


Fig. 8

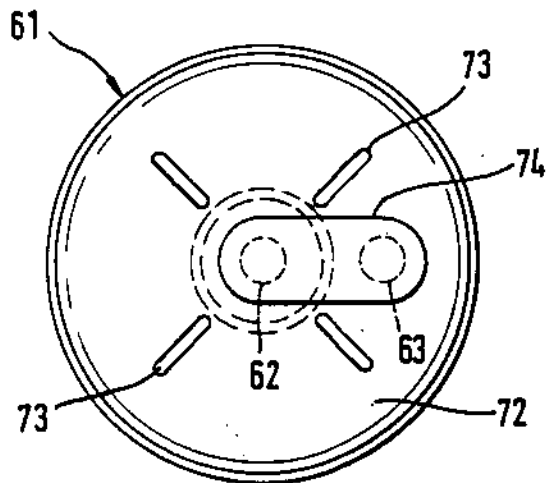


Fig. 9

6 / 8

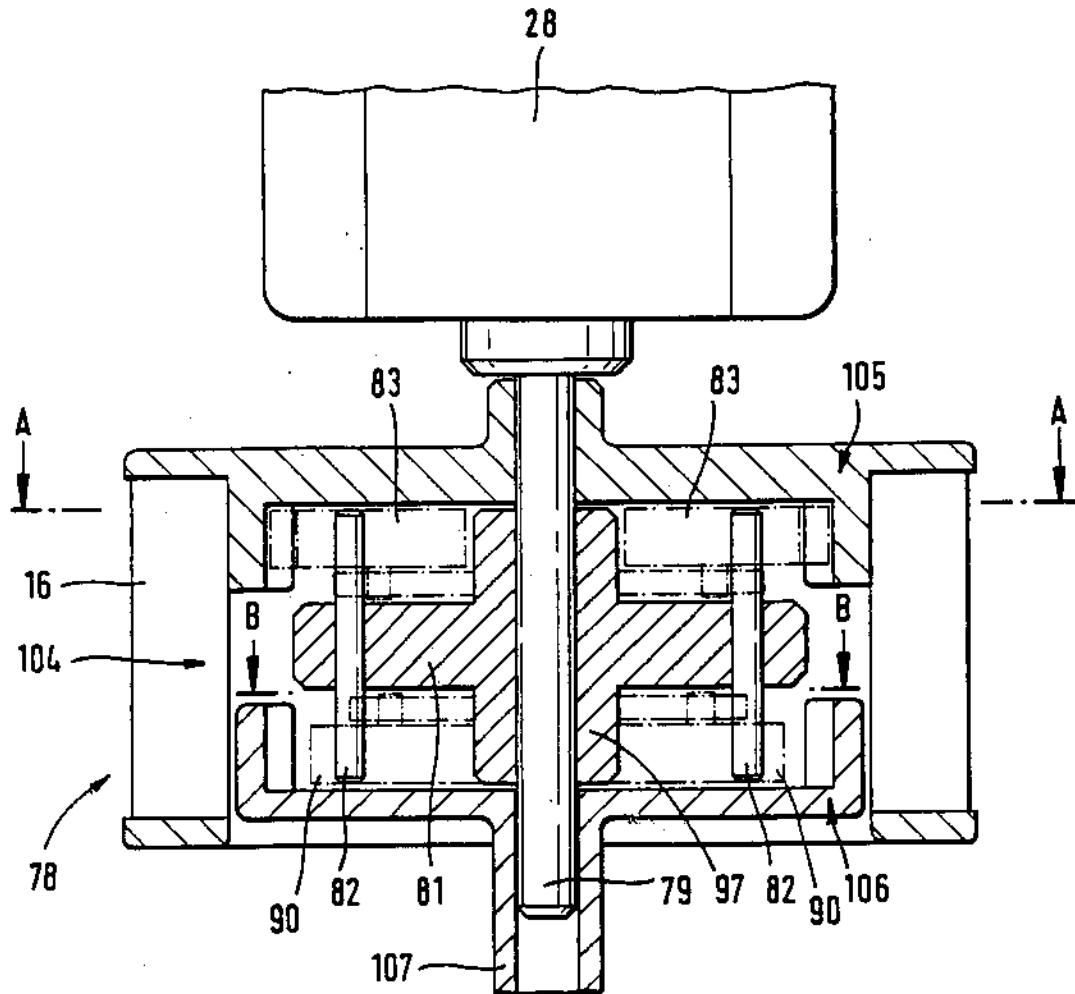


Fig. 10

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Fig. 11

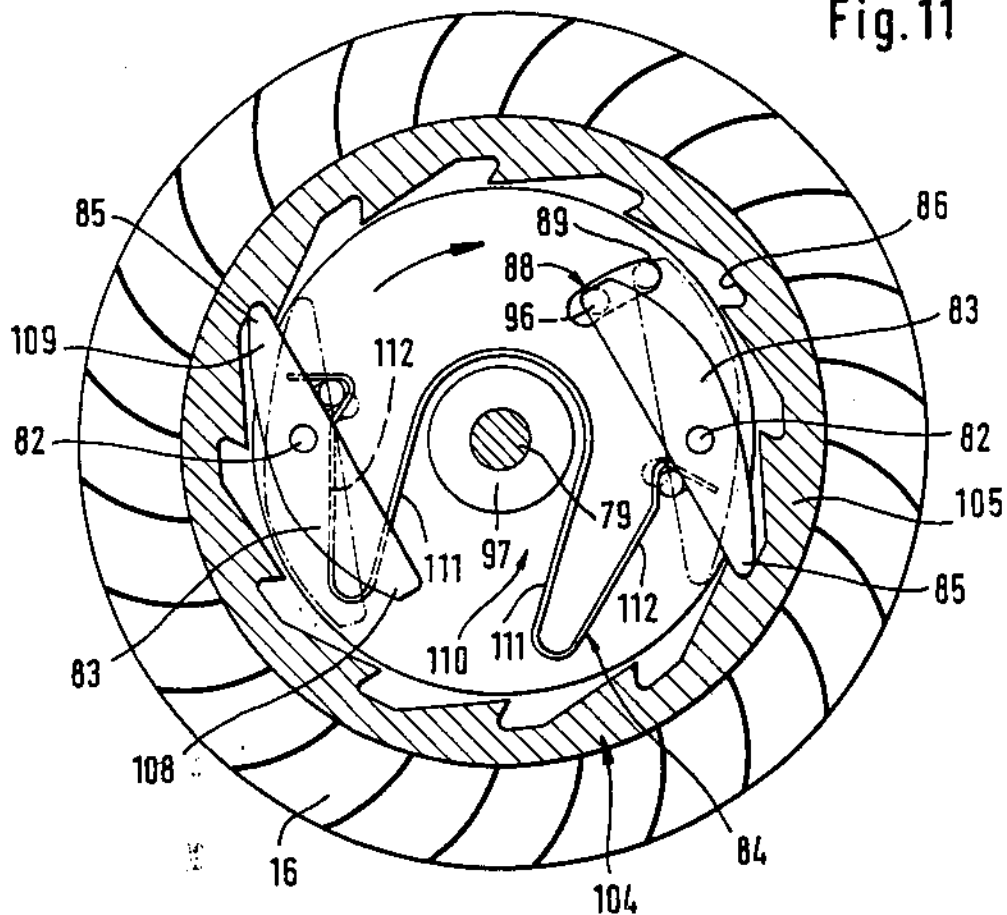
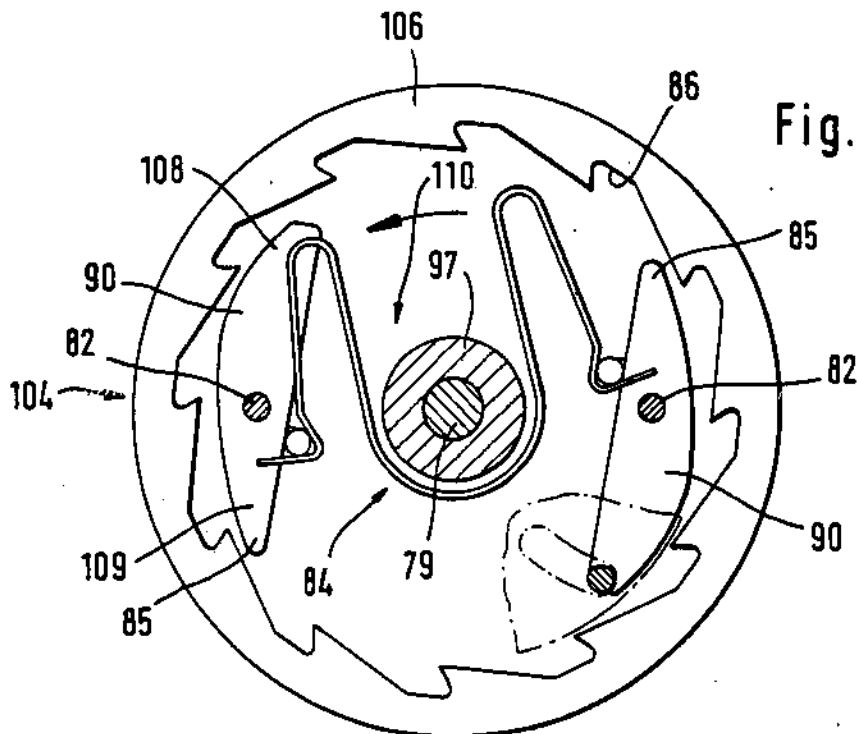


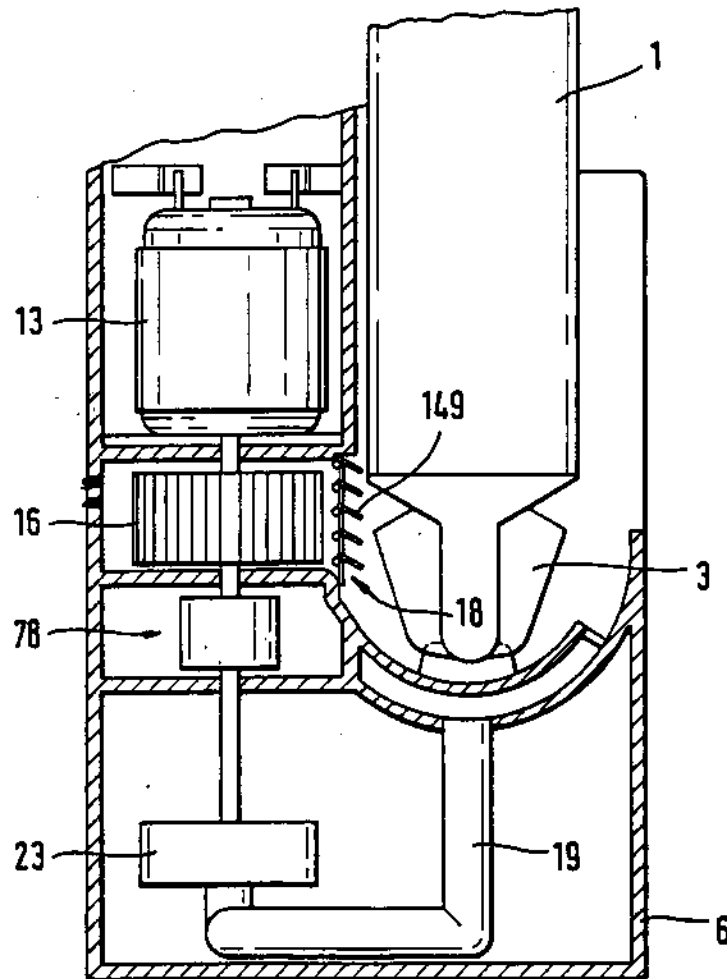
Fig. 5



B000319

8 / 8

Fig.12






**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

 Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
08/376,849	01/23/95	BRAUN	G 02894/284001

 WILLIS M ERTMAN  
FISH & RICHARDSON  
225 FRANKLIN STREET  
BOSTON MA 02110-2804

34M1/0322

EXAMINER	
STINSON, F	
ART UNIT	PAPER NUMBER
	4

DATE MAILED:

03/22/96

This is a communication from the examiner in charge of your application.

COMMISSIONER OF PATENTS AND TRADEMARKS

- ☒ This application has been examined ☐ Responsive to communication filed on \_\_\_\_\_ ☐ This action is made final.

A shortened statutory period for response to this action is set to expire 3 month(s), 2 days from the date of this letter.  
Failure to respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133

**Part I THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:**

- |   |   |
|---|---|
| 1. <input checked="" type="checkbox"/> Notice of References Cited by Examiner, PTO-892. | 2. <input checked="" type="checkbox"/> Notice re Patent Drawing, PTO-948.       |
| 3. <input checked="" type="checkbox"/> Notice of Art Cited by Applicant, PTO-1449       | 4. <input type="checkbox"/> Notice of Informal Patent Application, Form PTO-152 |
| 5. <input type="checkbox"/> Information on How to Effect Drawing Changes, PTO-1474      | 6. <input type="checkbox"/> _____   |

**Part II SUMMARY OF ACTION**

1. ☒ Claims 1-20 are pending in the application.  
Of the above, claims 5-20 are withdrawn from consideration.
2. ☐ Claims \_\_\_\_\_ have been cancelled.
3. ☐ Claims \_\_\_\_\_ are allowed.
4. ☒ Claims 1-4 are rejected.
5. ☐ Claims \_\_\_\_\_ are objected to.
6. ☐ Claims \_\_\_\_\_ are subject to restriction or election requirement.
7. ☐ This application has been filed with informal drawings which are acceptable for examination purposes until such time as allowable subject matter is indicated.
8. ☐ Allowable subject matter having been indicated, formal drawings are required in response to this Office action.
9. ☐ The corrected or substitute drawings have been received on \_\_\_\_\_. These drawings are ☐ acceptable; ☐ not acceptable (see explanation).
10. ☐ The ☐ proposed drawing correction and/or the ☐ proposed additional or substitute sheet(s) of drawings, filed on \_\_\_\_\_ has (have) been ☐ approved by the examiner. ☐ disapproved by the examiner (see explanation).
11. ☐ The proposed drawing correction, filed \_\_\_\_\_, has been ☐ approved. ☐ disapproved (see explanation). However, the Patent and Trademark Office no longer makes drawing changes. It is now applicant's responsibility to ensure that the drawings are corrected. Corrections **MUST** be effected in accordance with the instructions set forth on the attached letter "INFORMATION ON HOW TO EFFECT DRAWING CHANGES", PTO-1474.
12. ☒ Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has ☒ been received ☐ not been received  
☐ been filed in parent application, serial no. \_\_\_\_\_; filed on \_\_\_\_\_
13. ☐ Since this application appears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.
14. ☐ Other

B000321

Serial Number: 08/376,849

-2-

Art Unit: 3405

A. The following is a quotation of the appropriate paragraphs of 35 U.S.C. § 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --  
(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

B. Claims 1 and 2 are rejected under 35 U.S.C. § 102(b) as being clearly anticipated by Simmons.

C. The following is a quotation of 35 U.S.C. § 103 which forms the basis for all obviousness rejections set forth in this Office action:

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

D. Claims 3 and 4 are rejected under 35 U.S.C. § 103 as being unpatentable over Simmons in view of Cunningham, Jr. et al..

Claims 3 and 4 define over the cited prior art only in the recitation of the drying device. The patent to Cunningham is cited disclosing in a cleaning apparatus, an arrangement of providing drying means as instantly claimed. It therefore would have been obvious to one having ordinary skill in the art to

Serial Number: 08/376,849

-3-

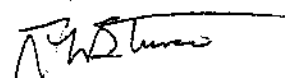
Art Unit: 3405

modify the apparatus of Simmons, to include a drying means as taught by Cunningham, for the purpose of removing the cleaning fluid.

E. Claims 5-20 are objected to under 37 C.F.R. § 1.75(c) as being in improper form because a multiple dependent claim should refer to other claims in the alternative only and cannot depend from other multiple dependent claims. See M.P.E.P. § 608.01(n). Accordingly, claims 5-20 have not been further treated on the merits.

F. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. In Chiu and Richardson et al., note the cleaning means.

G. Any inquiry concerning this communication or earlier communications from the examiner should be directed to F.L.Stinson whose telephone number is (703) 308-0861. The examiner can normally be reached on M-F(1st week) and T-F (2nd week) from 8:30 AM to 5:00 pm. The fax phone number for this Group is (703) 308-7766. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0861.

  
Frankie L. Stinson  
Primary Examiner  
Group Art Unit 3405

FORM PTO-892 (REV. 2-92)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		SERIAL NO. <b>376,849</b>	GROUP/ART UNIT <b>3405</b>	ATTACHMENT TO PAPER NUMBER <b>6</b>
NOTICE OF REFERENCES CITED				APPLICANT(S) <b>BRAUN</b>		

U.S. PATENT DOCUMENTS																	
*	A	B	C	D	E	F	G	H	I	J	K	DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	A											3 4 8 0 0 2 2	4/1969	RICHARDSON et al.	134	135	
	B											5 3 3 5 3 9 4	8/1994	CUNNINGHAM et al.	134	135	
	C											<del>5 3 3 5 3 9 4</del>	<del>8/1994</del>	<del>CUNNINGHAM et al.</del>	<del>134</del>	<del>135</del>	
	D																
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	G																
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	J																
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FOREIGN PATENT DOCUMENTS													
*	L	M	N	O	P	Q	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS	PERTINENT SHTS. DWG. PP. SPEC.
	L												
	M												
	N												
	O												
	P												
	Q												

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)	
R	
S	
T	
U	

EXAMINER <i>ABDulina</i>	DATE <b>3/11/98</b>	
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\* A copy of this reference is not being furnished with this office action.  
(See Manual of Patent Examining Procedure, section 707.05 (a).)

B000324



252-124 3405

PATENT

ATTORNEY DOCKET NO. 02894/284001

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Gebhard Braun Art Unit: 3405  
Serial No.: 08/376,849 Examiner: Stinson  
Filed : January 23, 1995  
Title : CLEANING DEVICE FOR THE SHAVING HEAD OF A DRY SHAVER

Commissioner of Patents and Trademarks  
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO 1449, copies of which are enclosed. This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$220 in payment of the late submission fee of \$1.17(p) is enclosed. Please apply any additional charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: June 20, 1996

Phyllis Kustal Reg. No. 35,524  
Eric L. Prahl  
Reg. No. 32,590

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804

Telephone: 617/542-5070  
Facsimile: 617/542-8906  
189046.B11

Date of Deposit June 20, 1996  
I hereby certify under 37 CFR 4.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Rita G. L. Blum

B000325

Sheet 1 (A) of 1

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 02894/284001		SERIAL NO. 08/376,849	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				APPLICANT Gebhard Braun			
				FILING DATE January 23, 1995		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIALS	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
PWS	AA 3 8 7 6 6 4 9	4/75	Schinke	134	95		
	AB 3 9 0 8 6 8 1	9/75	Schinke et al.	134	95.2		
	AC 4 4 4 2 5 9 6	4/84	Nasu	30	41.5		
	AD 4 5 4 9 3 5 2	10/85	Ochiai et al.	30	41.5		
	AE 4 6 3 1 8 2 5	12/86	Kurigama et al.	30	43.92		
	AF 5 0 6 4 5 2 1	11/91	Stepanenko et al.	204	224		
	AG 5 3 1 8 3 5 6	6/94	Shelton	312	223.1		
	AH						
	AI						
	AJ						
AK							
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
PWS	AL GB-A-0 337 132	11/20/30	UK				
	AM GB-A-1 206 791	09/30/70	UK				
	AN GB-A-1 206 792	09/30/70	UK				
	AO GB-A-2 129 732	05/23/84	UK				
AP							
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
PWS	AO	EP Search report dated March 23, 1995					
	AR	Black & Decker, Powerpro, Dustbuster Plus, Cordless Vacs, 1989, 90, Pgs. 4, 8-9					
AS							
EXAMINER <i>PWS</i>				DATE CONSIDERED 9/7/96			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Substitute Disclosure Form (PTO-1449)

B000326



PATENT  
ATTORNEY DOCKET NO. 02894/284001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Gebhard Braun  
Serial No.: 08/376,849  
Filed : January 23, 1995  
Title : CLEANING DEVICE FOR THE SHAVING HEAD OF A DRY SHAVER

Art Unit: 3405  
Examiner: Stinson

Commissioner of Patents and Trademarks  
Washington, DC 20231

#8/0  
Pb  
7/31/96

RESPONSE

In response to the Examiner's action mailed March 22, 1996, please amend the application, as follows.

In the specification:

Page 22, line 3, replace "65" with --75--.

In the claims:

1. (amended) A cleaning device [(5), with] comprising  
a cradle structure adapted to receive [(7) receiving  
the] a shaving head [(3)] of a shaving apparatus, [as well as]  
[at least one] a cleaning fluid container, [(6), (61)]  
and  
a feed device [(23) adapted to be driven by a motor  
(28)] for feeding [the] cleaning fluid to said cradle structure,  
[characterized in that the] said cradle structure [(7) is] being  
arranged above [the] a fluid level of the cleaning fluid in said  
cleaning fluid container [, that the cradle structure (7) is  
adapted to be supplied with cleaning fluid from the cleaning  
fluid container (6) for the duration of the cleaning operation of

Date of Deposit June 20, 1996  
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above and is addressed to the Commissioner of Patents and  
Trademarks, Washington, D.C. 20231.

*Robert A. L. B.*

B000327

the shaving head, and that the cradle structure (7) is connected with the cleaning fluid container (6), (61) through an overflow device (26) and/or at least one outlet port (27)].

48  
C1  
2. (amended) A device as claimed in claim 1, [characterized in that the device includes] further comprising an electric arrangement for temporarily operating the shaving head [(3)] of the shaving apparatus [(1) as well as] and the feed device [(23)].

3. (amended) A device as claimed in claim 1, [characterized in that] further comprising a drying device [(16) is arranged in the device].

10  
4. (amended) A device as claimed in claim <sup>9</sup>2, [characterized in that] further comprising a drying device, the drying device [(16) is] being associated with the cradle structure [(7)] and [is] adapted to be activated by the electric arrangement after the cleaning fluid has been drained from the cradle structure [(7)].

12  
5. (amended) A device as claimed in [any one of the preceding claims] claim <sup>11</sup>8, [characterized in that] wherein the, drying device [is formed of] comprises an impeller [(16)] [adapted to be driven].



<sup>13</sup>  
8. (amended) A device as claimed in [any one of the preceding claims] claim 1, [characterized in that] wherein the drying device [is formed of an impeller [(16)] adapted to be driven and a heating means] further comprises a heater.

7. (amended) A device as claimed in [any one of the preceding claims] claim 1, [characterized in that] wherein the cradle structure [(7)] is configured in the manner of] comprises a dish-shaped structure.

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7  
8. (amended) A device as claimed in [any one of the preceding claims] claim 1, [characterized in that at least] wherein the cradle structure [(7)] and/or the cleaning fluid container (6) are] is permanently open [towards the outside, that is,] to atmosphere.

<sup>14</sup>  
9. (amended) A device as claimed in [any one of the preceding claims] claim 1, [characterized in that the] wherein a cross-sectional area [of cross-section] of the outlet port [(27)] in the cradle structure (7)] is dimensioned such that during the cleaning operation the amount of cleaning fluid drained through the outlet port [(27)] is smaller than the amount of cleaning fluid supplied to the cradle structure [(7)] through] by the feeding device [(23)].

C  
<sup>15</sup>  
10. (amended) A device as claimed in [one or several of the preceding claims] claim 1, [characterized in that]

further comprising a hose member [(20)] permeable to the cleaning fluid [is] provided between the overflow device [(26)] and the cleaning fluid container [(6)].

<sup>3</sup>  
11. (amended) A device as claimed in claim [9] 1, [characterized in that] further comprising a collecting dish [(77)] [is provided] and a filter, said collecting dish being positioned underneath the cradle structure [(7), said dish having] and including an outlet opening [(91)] connecting with [a] the filter [means (24)].

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12. (amended) A device as claimed in [any one of the claims 10 or] claim 11, [characterized in that the filter means is comprised of a connection means [(19)] to which the] further comprising a hose member [(20)] permeable to the cleaning fluid [is fitted] provided between the collecting dish and the filter.

claim 15  
13. (amended) A device as claimed in [any one of the] ~~claims 10~~ [to] ~~or 12~~, [characterized in that] wherein the hose member [(20)] is immersed in the cleaning fluid [(40)] held in the cleaning fluid container [(6)].

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44  
14. (amended) A device as claimed in [any one of the claims 9 to 13] claim 11, [characterized in that the connection means (19) is directly or indirectly] wherein the feed device includes a suction side and a delivery side, the outlet opening being connected to the suction side of the feed device [(23)],

[its delivery side being in communication with a] the filter being in communication with the delivery side of the feed device [means (24) through a conduit (25)].

15. (amended) A device as claimed in [any one of the claims 9 to 14] claim 1, [characterized in that the] further comprising a filter [means (24) is] connected to an inlet of the cradle structure [(7) by means of an outlet connection means (37)], and [that] an outlet port [(27)] provided in the cradle structure [(7) is] connected to the cleaning fluid container [(6)].

16. (amended) A device as claimed in [one or several of the preceding claims] claim 1, [characterized in that the shaving apparatus (1) is insertable into a supporting structure configured as a] further comprising a bracket [(10)] for insertion of the shaving apparatus therein, and [is mechanically and/or electrically interlockable by a switching means (9)] a switch for interlocking the shaving apparatus to the bracket.

<sup>20</sup>  
17. (amended) A device as claimed in [one or several of the preceding claims] claim 1, <sup>1925</sup> further comprising a switch spring, [characterized in that the switching means (9) for mechanically and/or electrically interlocking the shaving apparatus (1)] the switch [is] being movable against the force of [a] the spring from an ["Off" position or] unlockable position

into [at least one] a position interlocking the shaving apparatus [(1)].

<sup>21</sup>  
18. (amended) A device as claimed in [one or several of the preceding claims] claim 17, [characterized in that] wherein said switch is configured such that the ["On"] interlocking position [for] electrically activates [activating] the shaving apparatus [(1) also serves for activation of] and the cleaning device [(5)].

<sup>22</sup>  
19. (amended) A device as claimed in [one or several of the preceding claims] claim 16, [characterized in that the switching means (9)] further comprising an electrical control circuit, wherein the switch is adapted to be connected to [an] the electrical control circuit [which activates] to activate the cleaning device for a predetermined [or programmable] period of time.

<sup>23</sup>  
20. (amended) A device as claimed in [one or several of the preceding claims] claim 15, [characterized in that,] further comprising a drying device, wherein the electrical control circuit, following cleaning of the shaving head, is configured to activate the drying device of the shaving apparatus [(1) is additionally activated] for a predetermined [or programmable] period of time.

21. (amended) A device as claimed in [one or several of the preceding claims] claim 12, [characterized in that] wherein the electric control circuit [activatable by the switching means [(9)] is utilizable for] is configured to [the] control [of the various operating stages of] the cleaning device [(5)].

22. (amended) A device as claimed in [one or several of the preceding claims] claim 13, [characterized in that] wherein [the] an electric control circuit [activatable by the switching means (9) is adapted to be de-energized for the control of the cleaning and drying cycle, cancels the electrical and/or mechanical] is configured to cancel the interlock after cleaning of the shaving head [and/or terminates the charging cycle of the shaving apparatus (1)].

Please add the following new claims.

23. A device as claimed in claim 1 further comprising an overflow device connecting the cradle structure with the cleaning fluid container.--

--24. A device as claimed in claim 1 further comprising an outlet port connecting the cradle structure with the cleaning fluid container.--

25. A device as claimed in claim 1, wherein the cleaning fluid container is permanently open to atmosphere.--

--<sup>8</sup>~~26~~. A device as claimed in claim 1, further comprising a motor for driving the feed device.--

--<sup>26</sup>~~27~~. A device as claimed in claim <sup>23</sup>~~29~~ wherein the electric control circuit is configured to supply the cradle structure with cleaning fluid from the cleaning fluid container for the duration of the cleaning operation of the shaving head.--

REMARKS

Claims 1-22 are pending in the application. New claims 23-27 have been added. The Examiner indicated in the Office Action that claims 1-20 were pending. Applicant wishes to bring to the Examiner's attention that english translations of claims 1-22 were filed with the application.

The Examiner has objected to claims 5-20 as being in improper form. The claims have been amended to overcome the objection and further treatment on the merits is requested. Claims 21 and 22 where not addressed by the Examiner in the Office Action.

The Examiner has rejected claims 1 and 2 under 35 U.S.C. § 102(b) over Simmons, U.S. Patent No. 3,172,416.

Claim 1 relates to a cleaning device including a cradle structure adapted to receive a shaving head of a shaving apparatus, a cleaning fluid container, and a feed device for feeding cleaning fluid to the cradle structure. The cradle structure is arranged above a fluid level of the cleaning fluid in the cleaning fluid container.

As can be seen in Fig. 1 of Simmons, the upper section of casing 1 defined by walls 9 for receiving a razor head contains cleaning fluid as indicated by the add and full lines in the figure. Therefore, Simmons does not teach a structure adapted to receive a shaving head that is arranged above a fluid level of cleaning fluid in a cleaning fluid container, as claimed. Applicant submits that this novel arrangement permits the shaving head to remain in position in the cradle during drying rather than requiring removal of the shaving head for drying as taught by Simmons (see, for example, Simmons column 6, lines 49-52).

The Examiner has rejected claims 3 and 4 under 35 U.S.C. § 103 as being unpatentable over Simmons in view of Cunningham, U.S. Patent No. 5,335,394. Applicant submits that the Cunningham reference does not overcome the deficiencies in the primary reference discussed above. Particularly, Cunningham teaches a cleaning arrangement in which eyeglasses to be cleaned are positioned such that they are immersed in a chamber containing cleaning fluid, and, subsequent to cleaning, requires removal of the eyeglasses from the cleaning fluid to dry the eyeglasses (see, for example, Fig. 2 and column 3, lines 45-48). Cunningham does not teach a cradle structure adapted to receive an object to be cleaned and to which cleaning fluid is fed arranged above a fluid level of the cleaning fluid in a cleaning fluid container, as claimed.

Applicant submits that all of the claims are now in condition for allowance, which action is requested. No new claim

fee is believed due as the application was original filed with payment for 28 claims.

Please charge any additional fees, or make any credits, to Deposit Account No. 06-1050.

Respectfully submitted,

Date: June 22, 1996

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Telephone: 617/542-5070  
Facsimile: 617/542-8906  
184625.B11




**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

 Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
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SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
08/375,849	01/23/95	BRAUN	G 02894/284001

 WILLIS M ERTMAN  
FISH & RICHARDSON  
225 FRANKLIN STREET  
BOSTON MA 02110-2804

34M1/0918

STINSON EXAMINER	
ART UNIT	PAPER NUMBER
3405	9

DATE MAILED:

09/18/96

Please find below a communication from the EXAMINER in charge of this application.

Commissioner of Patents

B000337

<b>Office Action Summary</b>	Application No. <b>08/376,848</b>	Applicant(s) <b>BRAD</b>
	Examiner <b>Frankie L. Stinson</b>	Group Art Unit <b>3405</b>

☒ Responsive to communication(s) filed on Jun 24, 1996.

☒ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire THREE month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

**Disposition of Claims**

☒ Claim(s) 1-27 is/are pending in the application.

Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

☐ Claim(s) \_\_\_\_\_ is/are allowed.

☒ Claim(s) 1, 3, 6-9, 11, 13, and 23-26 is/are rejected.

☒ Claim(s) 2, 4, 10, 12, 14-22, and 27 is/are objected to.

☐ Claims \_\_\_\_\_ are subject to restriction or election requirement.

**Application Papers**

☒ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. § 119**

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some\* ☐ None of the CERTIFIED copies of the priority documents have been

☐ received.

☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_.

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

**Attachment(s)**

☒ Notice of References Cited, PTO-892

☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). 7

☐ Interview Summary, PTO-413

☒ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

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A. The following is a quotation of 35 U.S.C. § 103 which forms the basis for all obviousness rejections set forth in this Office action:

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

B. Claims 1, 7-9 and 23-26 are rejected under 35 U.S.C. § 103 as being unpatentable over Reuveni et al.. Re claim 1, the patent to Reuveni is cited disclosing a cleaning device comprising a cradle, a cleaning fluid container and a feed device that differs from the claim only in the recitation of the intended use, namely that of cleaning the head of a shaving apparatus. Nonetheless, the intended use is not deemed to structurally define over the device of Reuveni. Re claim 7, To have the cradle dish-shaped, is deemed to be an obvious matter of design. Re claim 8, Reuveni discloses the cradle open to the atmosphere. Re claim 23, Reuveni discloses the overflow. Re claim 9, Reuveni discloses the cross-sectional area. Re claim 24, Reuveni discloses the outlet port. Re claim 25, Reuveni discloses

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the container open to the atmosphere. Re claim 26, Reuveni discloses the drive means.

C. Claims 3, 5 and 6 are rejected under 35 U.S.C. § 103 as being unpatentable over Reuveni et al. as applied to claim 1 above, and further in view of Ogata et al.. Claim 3 defines over Reuveni only in the recitation of the drying device. The patent to Ogata is cited disclosing in a cleaning apparatus, the arrangement of providing a drying device. It therefore would have been obvious to one having ordinary skill in the art to modify the device of Reuveni, to include a drying device as taught by Ogata, for the purpose of removing residual water from the article being treated. Re claims 5 and 6, Ogata discloses the impeller and heater.

D. Claims 11 and 15 are rejected under 35 U.S.C. § 103 as being unpatentable over Reuveni et al. as applied to claim 1 above, and further in view of Scales. Claim 11 defines over Reuveni only in the recitation of the filter. The patent to Scales is cited disclosing the arrangement of providing a filter in a collecting dish. It Therefore would have been obvious to one having ordinary skill in the art to modify the device of Reuveni, to include a filter as taught by Scales, for the purpose of removing the dislodged debris. Re claim 15, to have the filter positioned as instantly claimed is deemed to be an obvious matter of design. As claimed, no new nor unobvious results are seen.

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E. Claims 2, 4, 10, 12-14, 16-22 and 27 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

F. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. In Mekiney et al., Sabatka, Fuglie, Hilliker, Shipherd, Sweden'679, Barish, Calhoun and Mor, note the cleaning means.

G. Applicant's arguments with respect to claims 1-27 have been considered but are deemed to be moot in view of the new grounds of rejection.

H. Applicant's amendment necessitated the new grounds of rejection. Accordingly, **THIS ACTION IS MADE FINAL**. See M.P.E.P. § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 C.F.R. § 1.136(a).

A SHORTENED STATUTORY PERIOD FOR RESPONSE TO THIS FINAL ACTION IS SET TO EXPIRE THREE MONTHS FROM THE DATE OF THIS ACTION. IN THE EVENT A FIRST RESPONSE IS FILED WITHIN TWO MONTHS OF THE MAILING DATE OF THIS FINAL ACTION AND THE ADVISORY ACTION IS NOT MAILED UNTIL AFTER THE END OF THE THREE-MONTH SHORTENED STATUTORY PERIOD, THEN THE SHORTENED STATUTORY PERIOD WILL EXPIRE ON THE DATE THE ADVISORY ACTION IS MAILED, AND ANY EXTENSION FEE PURSUANT TO 37 C.F.R. § 1.136(a) WILL BE CALCULATED FROM THE MAILING DATE OF THE ADVISORY ACTION. IN NO EVENT WILL THE STATUTORY PERIOD FOR RESPONSE EXPIRE LATER THAN SIX MONTHS FROM THE DATE OF THIS FINAL ACTION.

I. Any inquiry concerning this communication or earlier communications from the examiner should be directed to F.L.Stinson whose telephone number is (703) 308-0861. The

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examiner can normally be reached on M-F(1st week) and T-F (2nd week) from 8:30 AM to 5:00 pm. The fax phone number for this Group is (703) 308-7766. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0861.



Frankie L. Stinson

Primary Examiner

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